

Leonid Pankratov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Homogenization of a two-phase flow accompanied by dissociation of a gas hydrate in a fractured porous medium. <i>Physics of Fluids</i> , 2022, 34, 026601.	4.0	0
2	Appearance of the instability from the inhomogeneity in two-phase flow with gas-producing reaction in fractured porous medium. <i>Physics of Fluids</i> , 2021, 33, .	4.0	3
3	Homogenization of coupled immiscible compressible two-phase flow with kinetics in porous media. <i>Applicable Analysis</i> , 2020, , 1-22.	1.3	0
4	The homogenized Kondaurov type non-equilibrium model of two-phase flow in multiscale non-homogeneous media. <i>Physica Scripta</i> , 2019, 94, 054002.	2.5	4
5	Homogenization of Kondaurov's non-equilibrium two-phase flow in double porosity media. <i>Applicable Analysis</i> , 2019, 98, 1429-1450.	1.3	6
6	Homogenization of nonisothermal immiscible incompressible two-phase flow in porous media. <i>Nonlinear Analysis: Real World Applications</i> , 2018, 43, 192-212.	1.7	5
7	An existence result for nonisothermal immiscible incompressible two-phase flow in heterogeneous porous media. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 7510-7539.	2.3	7
8	General Non-Equilibrium Matrix Imbibition Equation for Kondaurov's Double Porosity Model. , 2017, , .		2
9	Homogenized Model of Two-Phase Flow with Local Nonequilibrium in Double Porosity Media. <i>Advances in Mathematical Physics</i> , 2016, 2016, 1-13.	0.8	8
10	Homogenization of a model for water-gas flow through double-porosity media. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 425-451.	2.3	13
11	New non-equilibrium matrix imbibition equation for double porosity model. <i>Comptes Rendus - Mecanique</i> , 2016, 344, 510-520.	2.1	7
12	A fully homogenized model for incompressible two-phase flow in double porosity media. <i>Applicable Analysis</i> , 2016, 95, 2280-2299.	1.3	10
13	Upscaling of an immiscible non-equilibrium two-phase flow in double porosity media. <i>Applicable Analysis</i> , 2016, 95, 2300-2322.	1.3	10
14	Generalized nonequilibrium capillary relations for two-phase flow through heterogeneous media. <i>Physical Review E</i> , 2012, 85, 016304.	2.1	18